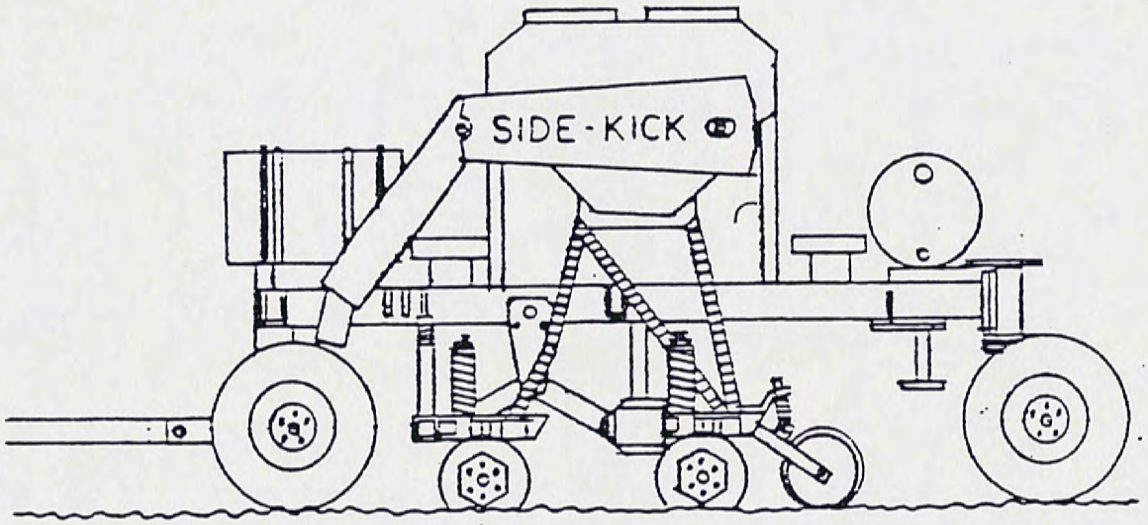
HAYBUSTER

2408 DRILL



DEALER SET UP
OPERATION MANUAL

2408 DRILL SPECIFICATIONS

Empty Weight 6000 Lbs.

Overall Height 83"

Overall Width 126"

Seeding Width 10'8" (128")

Linear Feet to Seed 1 Acre (1 Drill) 4086' (2 Drills) 2043' (3 Drills) 1362'

Grain Hopper Capacity 28 Bu.

Fertilizer Hopper Capacity 2300 Lbs.

Weight of Water Ballast 960 Lbs.

Number of Seed Openers 16

Row Spacing - Seed 8"

Number of Fertilizer Openers 8

Row Spacing - Fertilizer 16"

Drive Colter Diameter 18"

Opener Colter Diameter 14"

Opener Disk Diameter 14"

Press Wheel Diameter 12"

Hydraulic Cylinder - Lift 3½" x 6" (2)

Hydraulic Cylinder - Transport 2½" x 8"

Hydraulic Cylinder - Marker Option 2" x 8"

Tire Size 11L - 14

OPTIONS

Single Press Wheel Brackets
Acre Counter
Hydraulic Marker (Left or Right End)
Liquid Drop Tubes (Seed Openers)
Single Drill Hitch
Two Drill Hitch
Three Drill Hitch
End Transport Hitch

WARRANTY

HAYBUSTER 2408 DRILL

Haybuster Mfg. Inc. warrants to the original purchaser for one year from purchase date that this product will be free from defects in material and workmanship when used as intended and under normal maintenance and operating conditions. This warranty is limited to the replacement of any defective part or parts returned to our factory in Jamestown, N.D. within thirty (30) days of failure.

This warranty shall become void if in Haybuster Mfg. Inc.'s judgement the machine has been subject to misuse, negligence, alterations, damaged by accident or lack of required normal maintenance, or if the product has been used for a purpose for which it was not designed.

All claims for warranty must be made through the dealer which originally sold the product and all warranty adjustments must be made through same.

This warranty does not apply to tires or bearings or any other trade accessories not manufactured by Haybuster Mfg. Inc. Buyer must rely solely on the existing warranty, if any, of these respective manufacturers.

Haybuster Mfg. Inc. shall NOT be held liable for damages of any kind, direct, contingent, or consequential to property under this warranty. Haybuster Mfg. Inc. cannot be held liable for any damages resulting from causes beyond its control. Haybuster Mfg. Inc. shall NOT be held liable under this warranty for loss of crops, or rental costs or any expense or loss for labor or supplies.

Haybuster Mfg. Inc. reserves the right to make changes in materials and/or designs of this product at any time without notice.

This warranty is void if Haybuster Mfg. Inc. does not receive a valid warranty registration card at its office in Jamestown, N.D. within 10 days from date of original purchase.

All other warranties made with respect to this product, either expressed or implied, are hereby disclaimed by Haybuster Mfg. Inc.

2408 DRILL SAFETY

1. Do not road (transport) two or more drills at speeds over 10 M.P.H.
2. Never allow anyone but the operator on the tractor. Never allow anyone on the drill while it is in motion.
3. If any service is to be done under the drill, raise all openers fully up and install the red safety lock on both hydraulic cylinders.
4. High pressure hydraulic fluid escaping from a small hole can penetrate the skin and cause serious injury. Use a piece of paper instead of hands to locate leaks.
5. Throttle down when making 90 or 180 degree turns and make sure spectators and vehicles are well in the clear.
6. Keep the belt and chain shields installed.
7. If rear step and platform are wet, they may be slippery. Use caution.

2408 DRILL LUBRICATION

DESCRIPTION	TYPE	FREQUENCY	NUMBER ZERKS
Rear Swivel Wheel King Pin	Grease	10 Hrs.	2
Drive Colter Square Drive Line	Grease	5 Hrs.	1
Square Drive Line Universal Joints	Grease	10 Hrs.	2
Hydraulic Torque Tube Parallel Linkage	Grease	20 Hrs.	9 In manifold block
Opener Frame Pivot Pin	Grease	20 Hrs.	24

All Colter, Disk and Press Wheel bearings are non-relubeable.

DEALER OR FIELD SET UP

2 DRILLS

Use one of the L shaped hitch frames to move the drills. Park the drills beside each other with the rub plates of the banding tool bar about 1" apart. Assemble the hitch slide bar to the two L frames with the parts shown in drawing. Install the front stabilizer and pins. Left end of stabilizer has a welded in pin. Drop this into the socket on left drill and lock in place with lock plate. It may be necessary to move the drills to drop this pin into the socket. Install the rear stabilizer bar and pins. The winch assembly to raise the hitch for transport is bolted to the front stabilizer frame. After assembly is complete, make sure all hairpins, cotters and lock plates are installed.

3 DRILLS

Use hitch center section to move the drills into position Install the two hitch side frames using the 3 pins provided. Install the front and rear stabilizers as described for 2 drills. The winch lift assembly is bolted between the ballast tanks of the center drill.

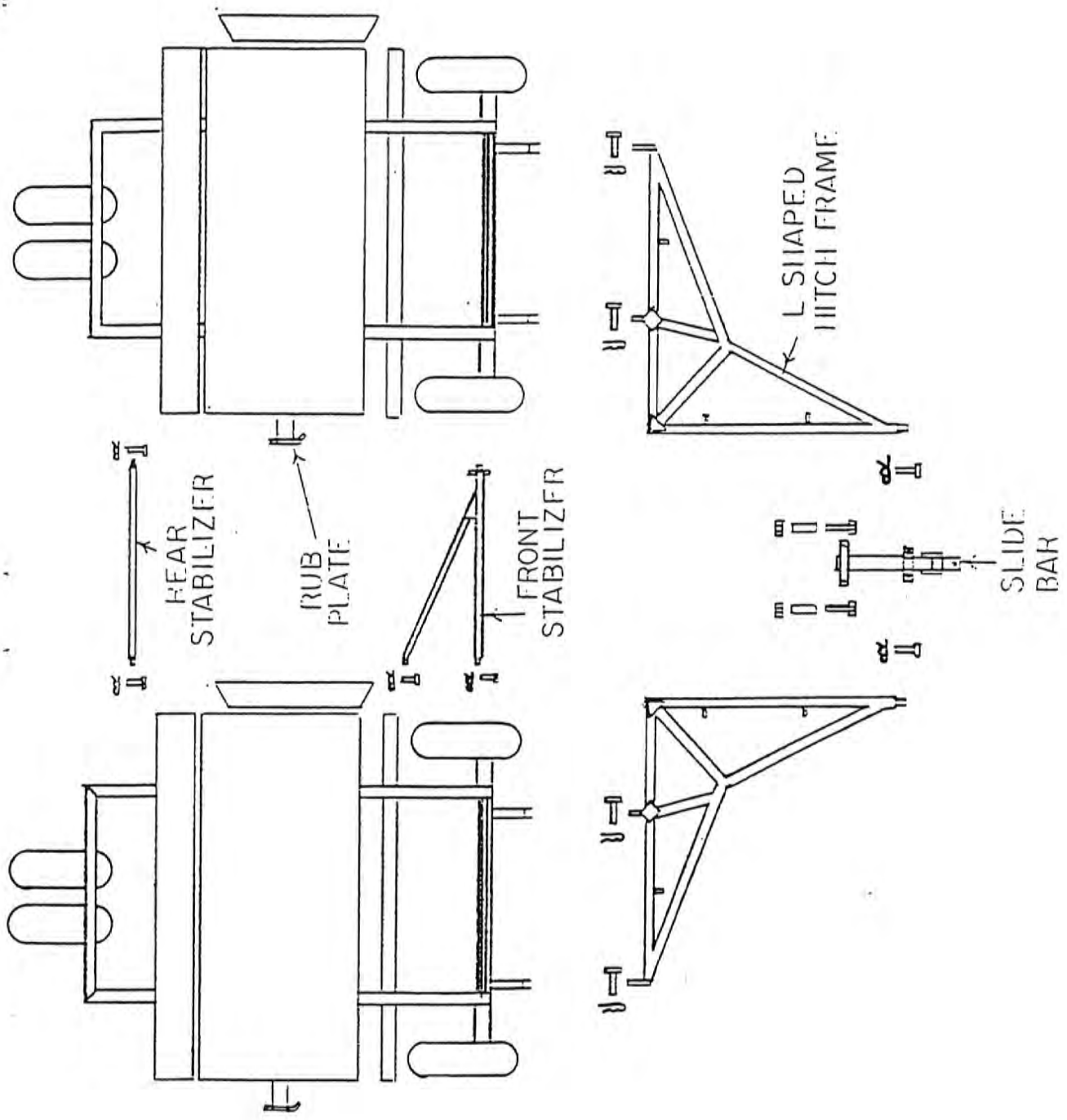
After assembly is complete, check that all pins and locks are in place. Raise the hitch with the winch to make sure it can be locked in upright position.

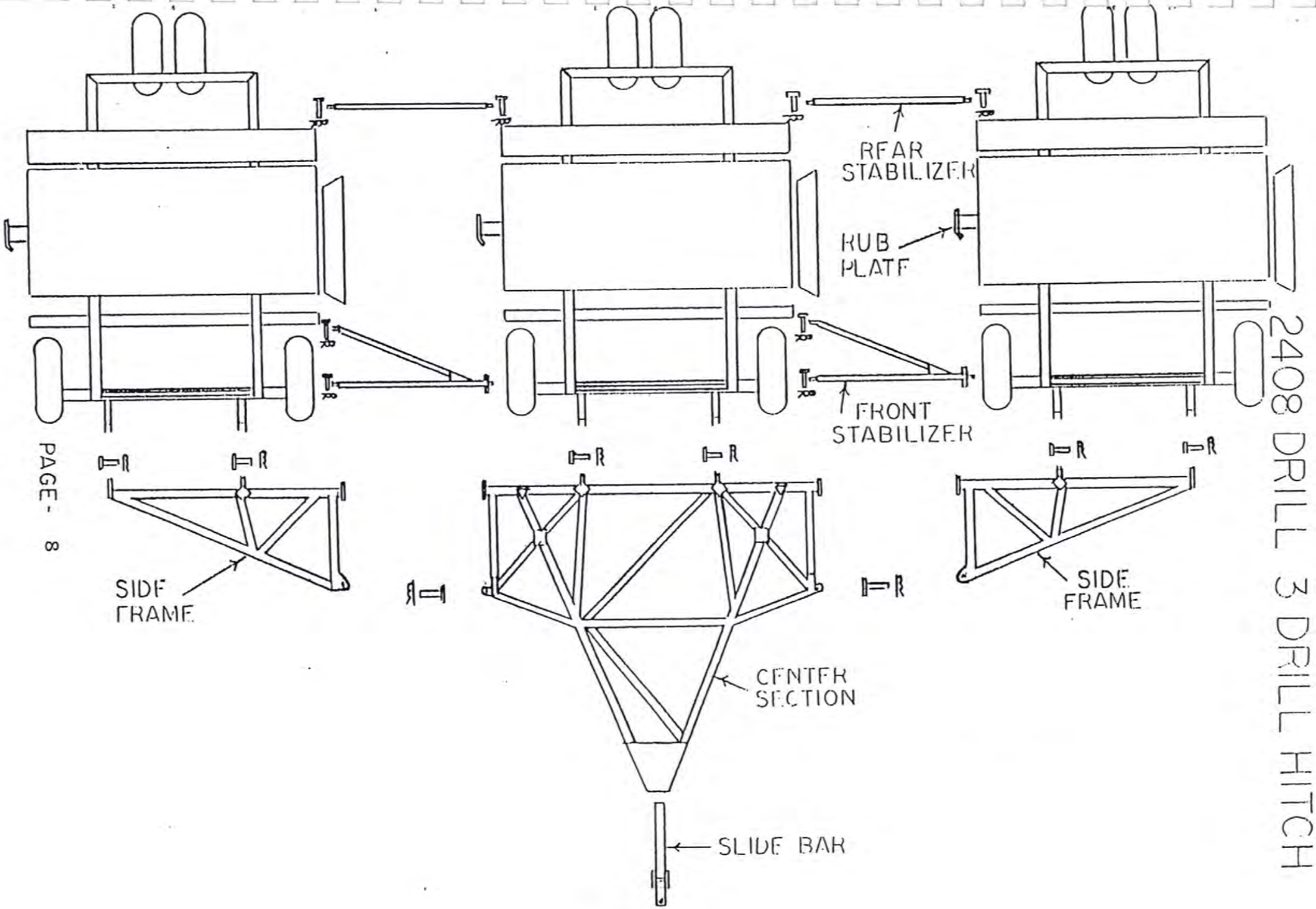
END TRANSPORT HITCH

The same hitch is used for either 2 or 3 drills. The hitch is installed on the Left drill. While seeding, the hitch is folded up and locked to the belt shield.

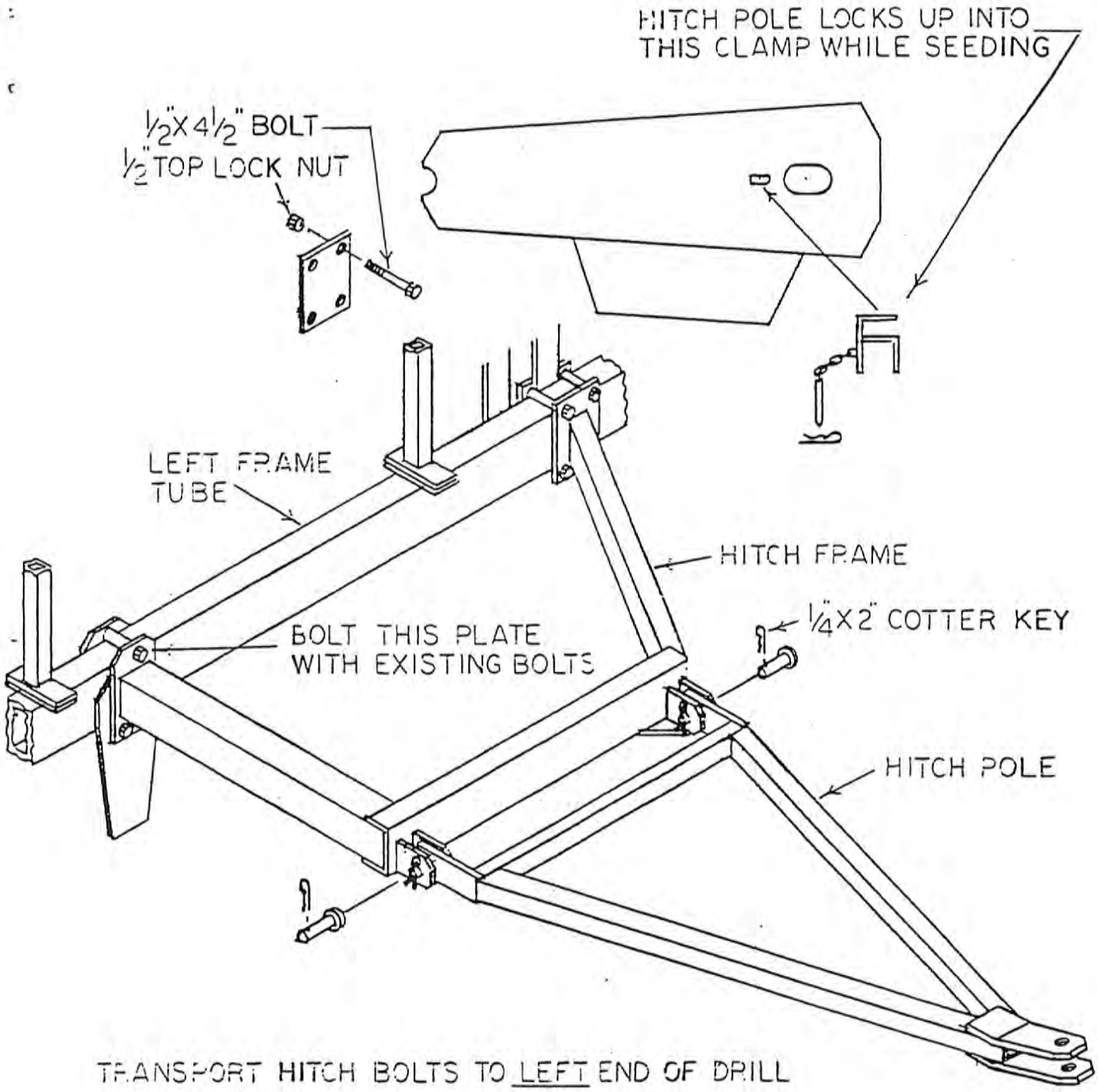
CAUTION - DO NOT END TRANSPORT WITH GRAIN OR FERTILIZER IN THE TANKS. WATER BALLAST IS O.K. DO NOT ATTEMPT TIGHT TURNS, ESPECIALLY IN A SOFT FIELD.

2408 DRILL 2 DRILL HITCH




REAR
STABILIZER
RUB
PLATE
FRONT
STABILIZER
SIDE
FRAME
CENTER
SECTION
SIDE
FRAME
SLIDE BAR

2408 DRILL END TRANSPORT HITCH



TRANSPORT HITCH BOLTS TO LEFT END OF DRILL

2408 DRILL DEPTH ADJUSTMENT

Depth adjustment and penetration are effected by 5 different variables:

1. BALLAST
2. LIFT CYLINDER STROKE CONTROL RINGS
3. COIL SPRING PRESET
4. PRESS WHEEL DEPTH ROD ADJUSTMENT
5. GROUND SPEED

1. BALLAST

Spring seeding will require less water ballast than fall seeding because the soil is normally wetter. The drill should be ballasted for the hardest area of the field, i.e. approaches or wheel track areas. If only half ballast is carried, put water in all 4 tanks.

2. LIFT CYLINDER STROKE CONTROL RINGS

Right hand cylinder controls the seed openers. Left hand cylinder controls the sideband openers. Each cylinder has 3 aluminum rings (3/4" - 1" - 1¼") and 5 nylon rings (1/8"). In wet field conditions start with a 1" aluminum ring on right cylinder (seed openers) and a 3/4" aluminum ring on left cylinder (sideband openers). This setting will allow the banding openers to place the fertilizer deeper than the seed. Finer adjustment of either cylinder is obtained by using the 1/8" nylon rings. CAUTION - Remove all nylon rings before installing the red transport lock on cylinder ram.

3. COIL SPRING PRESET PAGE- 21

With runs lifted out of the ground the spring itself should measure 9". In fall seeding or harder ground this preset may be tightened to 8 3/4".

4. PRESS WHEEL DEPTH ROD ADJUSTMENT PAGE-22

The top Klik Pin (with ring) acts as a retainer and holds the depth rod in place.
The bottom Hairpin is used to change spring tension.
The bottom end of the depth rod has 2 holes and 4 washers are used below the spring. To change spring tension, lift the wheel and remove the top Klik Pin. Lower the wheel and pull out the lower Hairpin. Raise or lower some or all of the washers and install the Hairpin in one of the holes. Raise the press wheel and install the top Klik Pin.

In wet soil start with the Haripin in the lower hole and all washers above the pin. To get proper penetration in dry hard soil conditions some of the washers should be below the Hairpin and the Hairpin in the lower hole. To obtain less packing pressure, the Hairpin may be removed.

When correctly adjusted, the press wheels will insure good seed-soil contact, control seeding depth and will not contribute to excess soil movement.

5. GROUND SPEED

Residue cutting, seed placement, depth control, seed-soil contact and soil movement are all related to ground speed. As ground speed approaches 5 M.P.H. or over, these important functions become harder to obtain. As speed becomes excessive the opener disks will tend to "float" and placement is erratic. High speed in a stony field will produce a poor stand because opener disks above ground are not seeding.

2408 DRILL FEED SYSTEM

The feed system in both hopper compartments is operated by an 18" ground powered drive colter. Normally the fertilizer is carried in the front compartment and seed in the rear - but seed and fertilizer may be fed through either compartment.

The word SPACE on the feed rate charts means the distance from the tip of the feed wheel tooth to the wall of the hopper. Small seeds require a close setting to insure even flow, large seeds require more room to prevent cracking The SPACE of 1/8", 1/4", or 3/8" is adjusted by moving the top end of the space adjust lever. Page - 25 - 30

Seed and fertilizer feed rate is controlled by stainless steel covers which slide up or down over an oblong slot in the hopper wall. These covers open a predetermined amount when the openers are lowered to the ground and close to shut off the flow when the openers are raised. The slot covers in both hopper compartments are controlled by the rear seed openers.

The word TURNS on the feed rate charts means the number of turns the red T handle is turned upward from fully closed. This adjustment should be made with the seed openers in the raised position to remove the spring tension. The setting is quite sensitive and may require ½ or ¼ turn to get the desired flow rate. After this adjustment is made lock the lower T with the upper one so the setting does not change.

The feed system measures Volume, not Weight and because of the large difference in seed size and density, the feed rate charts should be considered as a starting point only in adjusting the flow rate. The extra feed slot may be used to measure the actual flow rate. Refer to the Calibration section of this book.

The toothed feed wheels rotate and lift the seed or fertilizer to discharge it out the oblong slot in the hopper wall. The wheels are hidden by the Feed Wheel Covers - Page 25 These covers should be used for all fertilizers and all seed except light, fluffy grass seeds which will not "flow" under the cover.

2408 DRILL FEED RATE CALIBRATION

Both hoppers on the drill have an extra feed wheel and slot. Below the slot is a plastic cup which is used to catch the seed or fertilizer sample. The extra slot is covered by a stainless steel clip which prevents seed or fertilizer flow while seeding is being done.

Use this sequence to prove the actual pounds per acre flow rate.

1. With grain and fertilizer in the hoppers, operate the drill several hundred feet so the material flows below the feed wheel covers and is available to the feed wheels.

2. Stop the drill and raise the runs out of the ground.

3. Remove the stainless steel clip from the extra feed slot.

4. Lower the runs into the ground and operate the drill for 2 minutes. After 2 minutes, stop the drill and raise the runs out of the ground. IMPORTANT: This 2 minute sample should be taken at the ground speed you intend to travel while seeding.

5. Remove the plastic cup and weigh the cup and contents on a postal scale.

6. The plastic cup weighs 2½ ounces. This must be deducted from the total weight to determine the actual grain or fertilizer weight.

7. Use a calculator and multiply the actual weight in ounces by the multiplier for your ground speed.

8. Multiplier table for 2 minute sample:

SAMPLE OUNCES	MULTIPLIER	GROUND SPEED
	5.8	4 MPH
	5.15	4.5 MPH
	4.64	5 MPH
	4.22	5.5 MPH
	3.87	6 MPH

9. Example - You run a 2 minute test at 4½ MPH and the seed sample and cup weigh 22½ ounces. Actual seed weight is 20 ounces.

20 x (times) 5.15 = 103 pounds per acre

This is done the same for both grain and fertilizer.

10. Replace the stainless steel clip over the feed slot.

11. Compare the actual seed or fertilizer rate to the desired rate and reset the flow rate adjusting handles as required.

2408 DRILL FERTILIZER CONTROL

The front tool bar carries the 8 fertilizer openers. These openers are on 16" centers and are staged between the seed openers. Depth control is by a separate cylinder and this tool bar may be locked up with the Red transport lock if all fertilizer is placed with the seed.

The dry fertilizer may be "split" at the fertilizer feed cup so starter may be placed with the seed and the rest on sideband. This is done on a percentage (%) basis rather than by pounds.

Dual banding is possible by placing most of the dry fertilizer on side band along with Liquid Nitrogen.

By installing the steel drop tubes on the seed openers, Phosacid may be placed with the seed.

CAUTION
All liquid fertilizers are highly corrosive. The drop tube and inner plastic tube must be placed so the liquid stream is directed into the slot opening and <u>not</u> on the disk or colter. Liquid on the disk will corode the bearing seal and cause bearing failure.

Fertilizer placement depth on sideband will depend on soil density and moisture. Fertilizer should be placed as deep as field conditions will allow without compromising correct seed placement.

2408 DRILL TRANSPORTING

CHANGING FROM FIELD POSITION TO END TRANSPORT

1. Raise the runs fully up and install the Red transport locks on the lift cylinders. Check that all 1/8" nylon spacers are removed before installing Red lock.
2. Open the ball valves on the axle cylinder.
3. Activate the tractor hydraulic to rotate the front wheels to transport position.
4. Close the ball valves on axle cylinder.
5. Pull the winch cable out and hook in the hitch ring. Tighten the cable to remove the hitch weight from the tractor drawbar.
6. Remove the tractor hitch pin and disconnect all hydraulic hoses.
7. Swing the tractor drawbar to one side and winch the hitch into an upright position.
8. Lower the end transport hitch at the end of the drills and pin to the tractor drawbar.
9. CAUTION - Some of the drill wheels must slide when turning. Do not end transport the drills with large amounts of grain or fertilizer in the hoppers. Ballast water does not have to be drained. In soft fields, make a large gradual turn to field approaches. End transporting speed should never exceed 10 M.P.H.

CHANGING FROM END TRANSPORT TO FIELD POSITION

1. Disconnect end transport hitch from tractor, fold the hitch up and lock in place.
2. Lower the drill hitch with the winch until hitch block is at drawbar height.
3. Back the tractor in front of drills to align with hitch block. Slide out drill hitch block and pin to drawbar. Tractor may be backed up now or later and lock pin will fall in place.
4. Disconnect winch cable and wind up on winch.
5. Plug in all hydraulic hoses.
6. Open ball valves on axle cylinders. Activate tractor hydraulic to rotate drill wheels to field position.
7. Close ball valves on axle cylinders.
8. Activate run lift cylinders to the fully up position so Red transport locks may be removed.
9. Install the lift cylinder spacer rings for the seeding depth desired.

2408 DRILL FIELD MARKERS

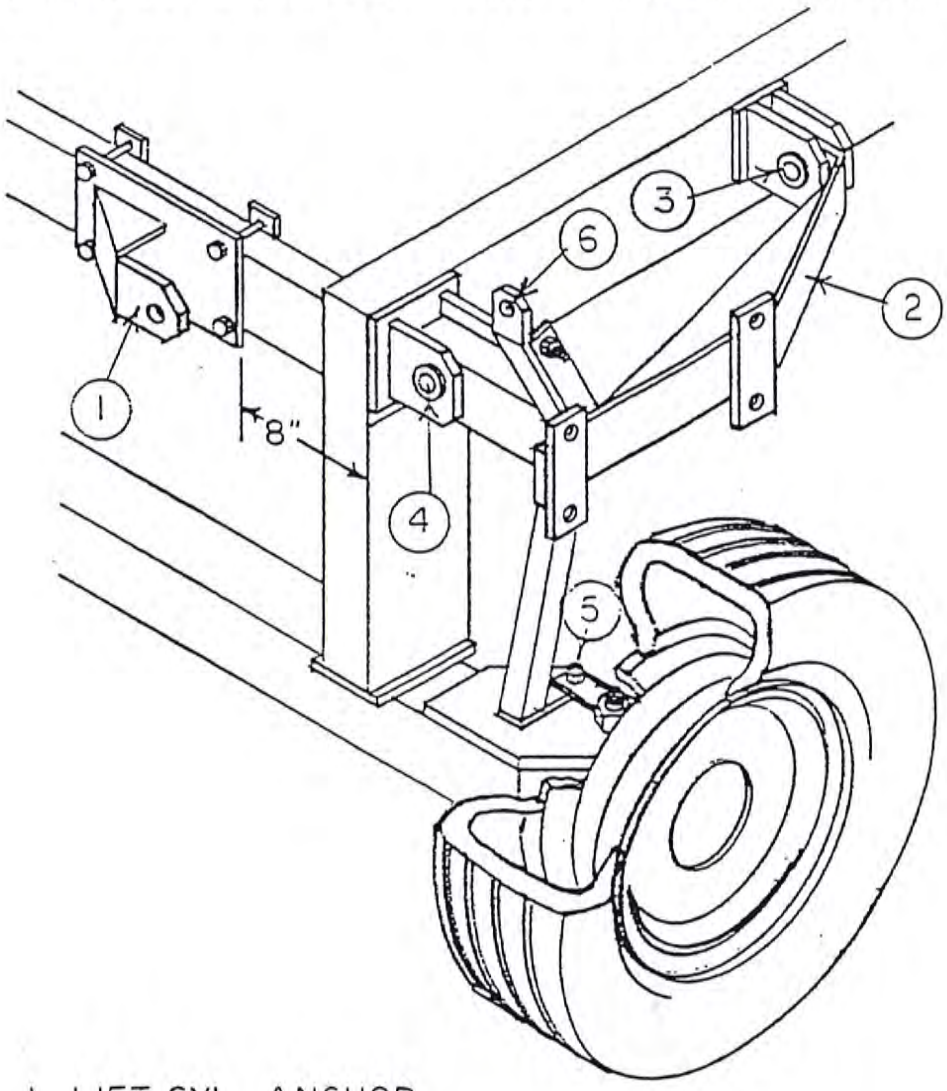
If two field markers are used, one will be equipped with two ball valves. The markers do not sequence. Operating the tractor lever one way raises one marker and lowers the other. When seeding back and forth, the runs are lifted up, the 180 degree turn is made and the markers are changed. The marker which is down should be on the inside of the turn.

Depth or soil movement of the mark is controlled by adjusting the depth wheel.

END TRANSPORTING WITH TWO MARKERS

Before disconnecting the tractor hydraulics, raise the marker with the ball valves. Turn the ball valves so the oil bypasses this cylinder. Raise the other marker to upright position. Use the ball valves to raise both markers up to move from field to field when end transport is not necessary.

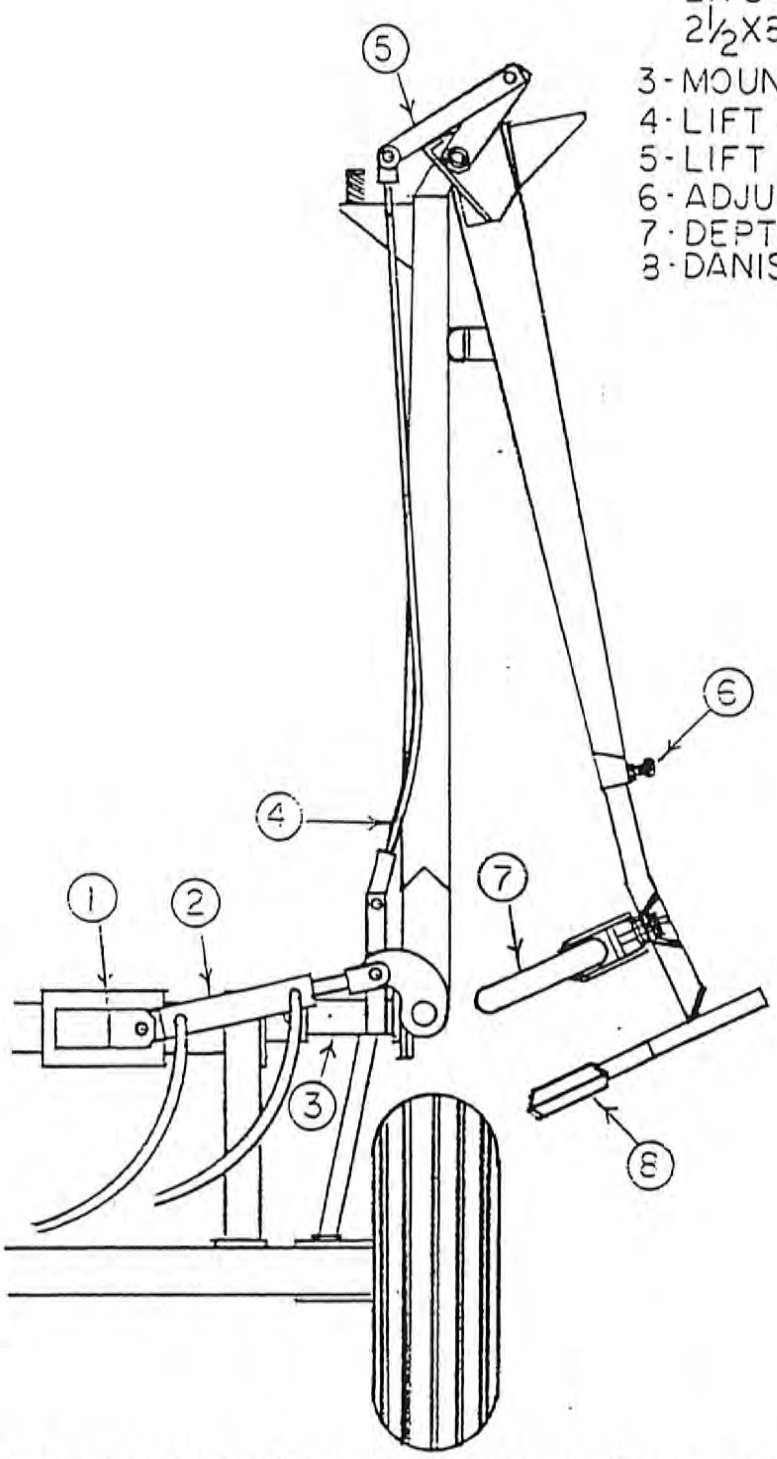
2408 DRILL MARKER HANGER



1 - LIFT CYL. ANCHOR
2 - MARKER MOUNTING HANGER
3 - REAR PIN - 1"
4 - FRONT PIN - 1"
5 - LOWER BRACE BOLT
6 - SWING CABLE ATTATCH POINT

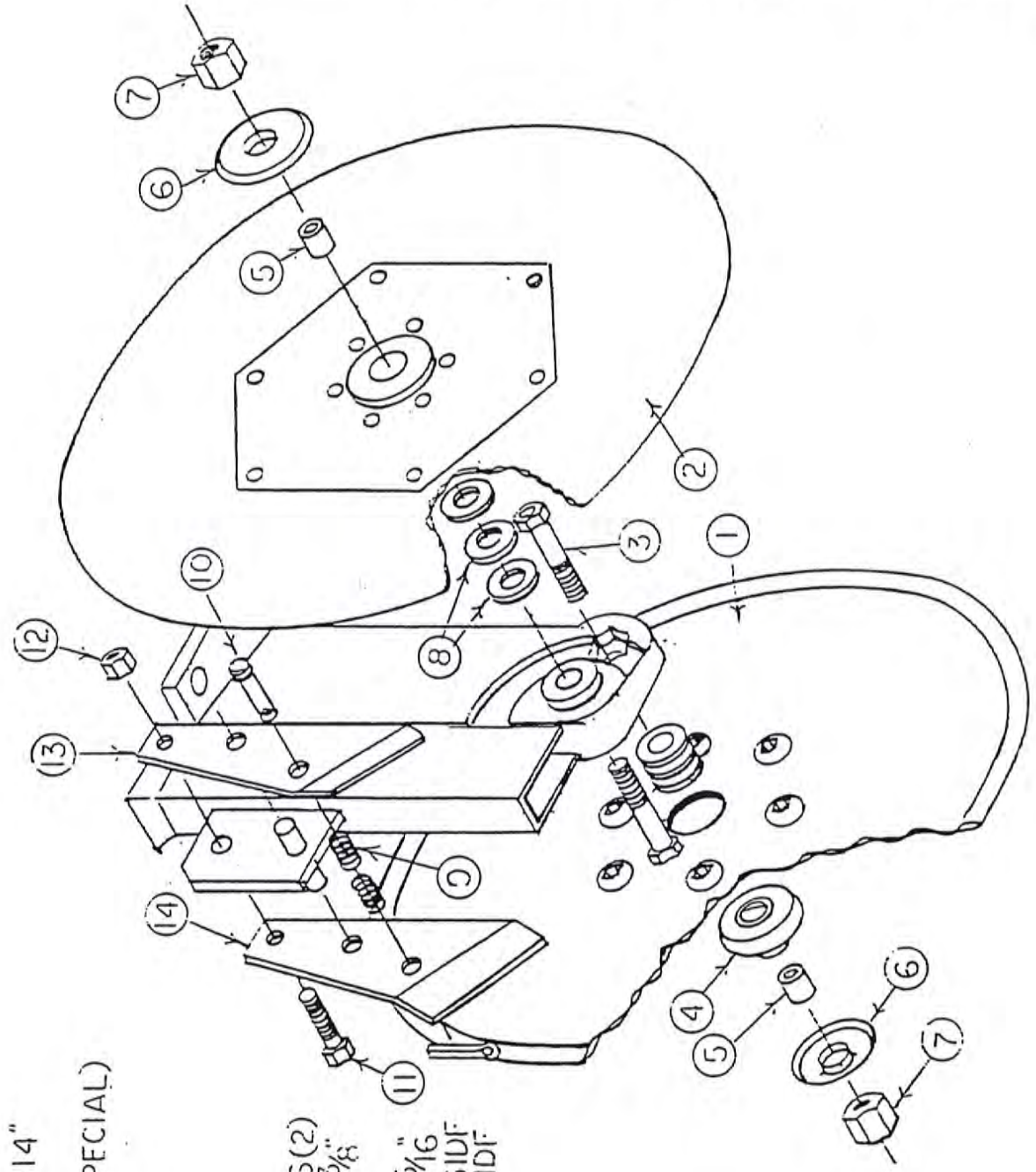
2408 DRILL FIELD MARKERS

1 - CYL, ANCHOR
2 - LIFT CYLINDER
2" X 8" ON 2 DRILL
2½ X 8 ON 3 DRILL
3 - MOUNTING FRAME
4 - LIFT CABLE - 62"
5 - LIFT BAR - 12"
6 - ADJUST SCREW
7 - DEPTH WHEEL
8 - DANISH TINE



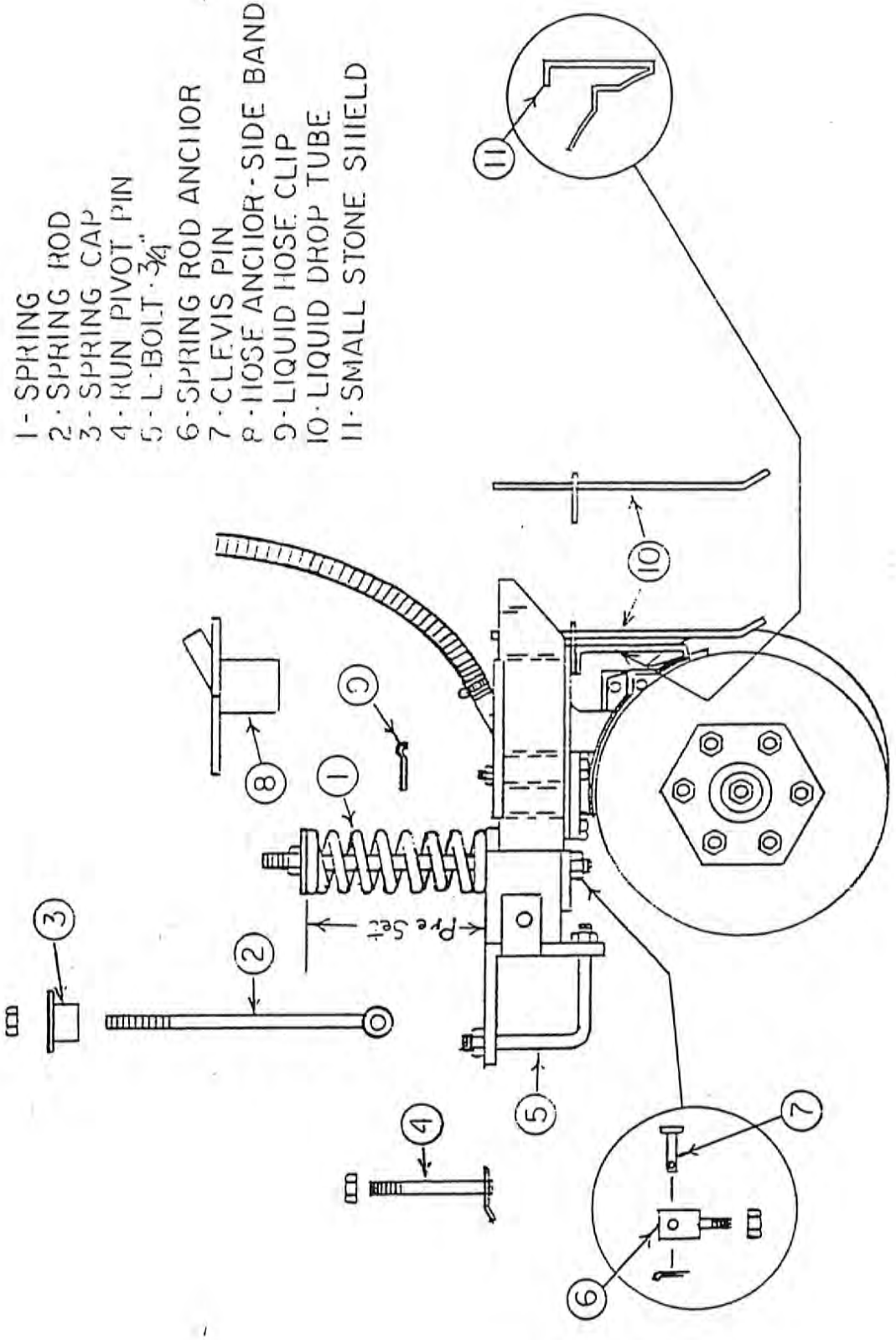
2 DRILL MARKER SHOWN IN FOLDED POSITION

2408 DRILL BOOT AND DISK ASSEMBLY SEED AND SIDEBAND OPENER

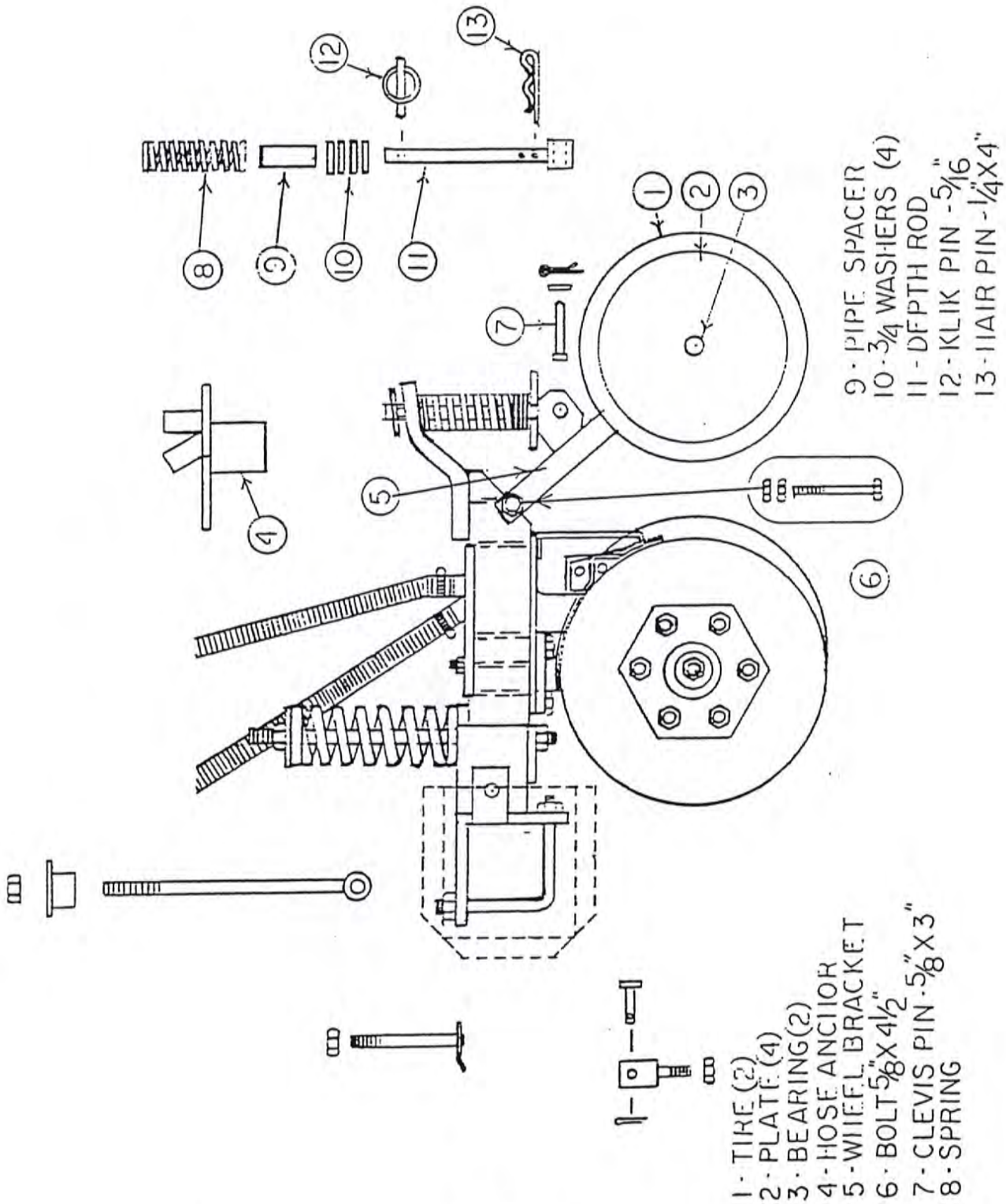


1 - COULTER BLADE - 14"
2 - DISK BLADE - 14"
3 - AXLE (2) 5/8 X 2 1/4 (SPECIAL)
4 - BRG. (2) 3/4" BALL
5 - SPACER (2)
6 - CAP (2)
7 - LOCK NUT - 5/8"
8 - SHIM WASHERS
9 - SCRAPER SPRINGS (2)
10 - CLEVIS PIN 5/16" X 1 3/8"
11 - BOLT - 5/16" X 1 1/4"
12 - NYLON LOCK NUT 5/16"
13 - SCRAPER - RIGHT SIDE
14 - SCRAPER - LEFT SIDE

2408 DRILL SIDE BAND OPENER



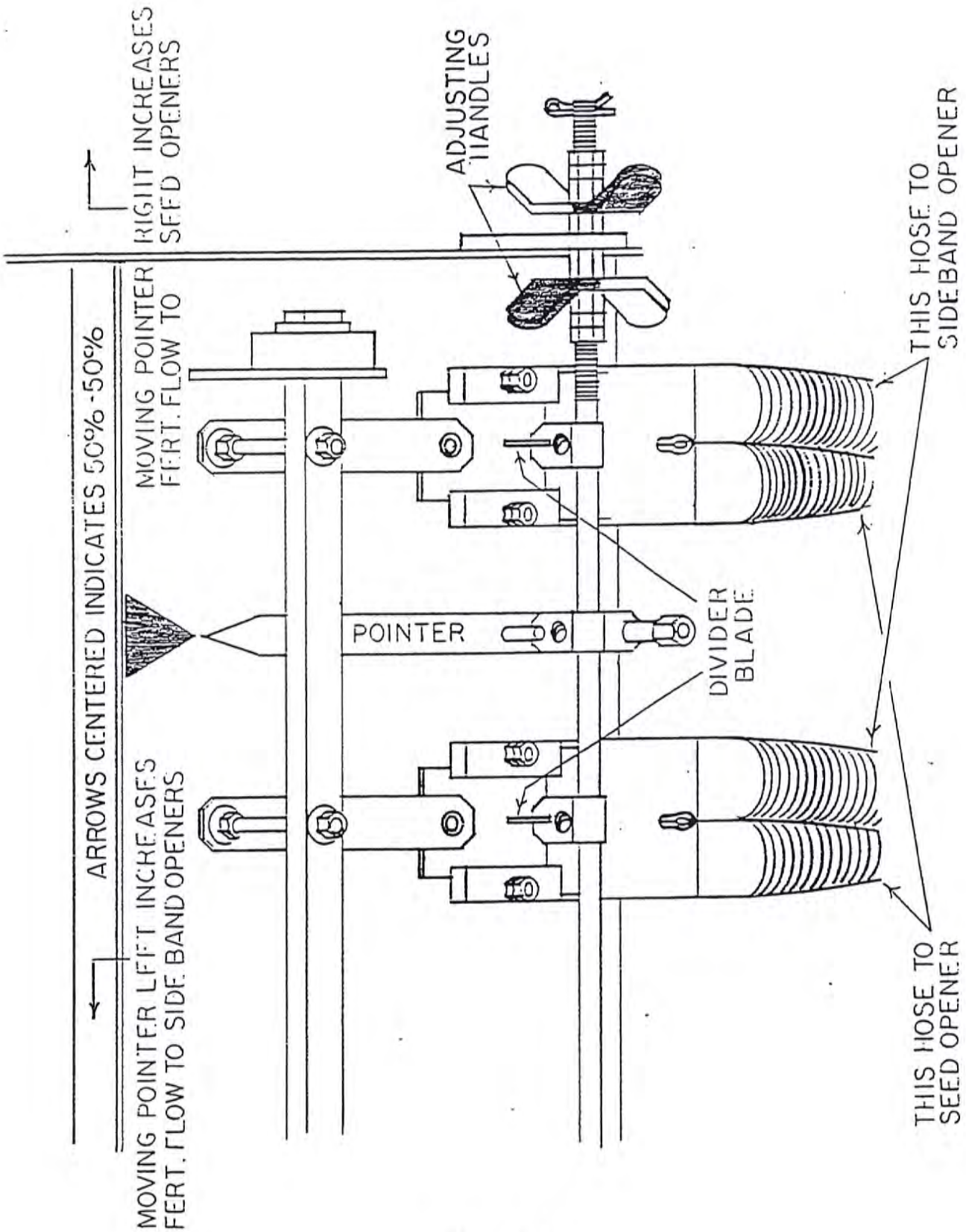
2408 DRILL PRESS WHEEL ASSEMBLY



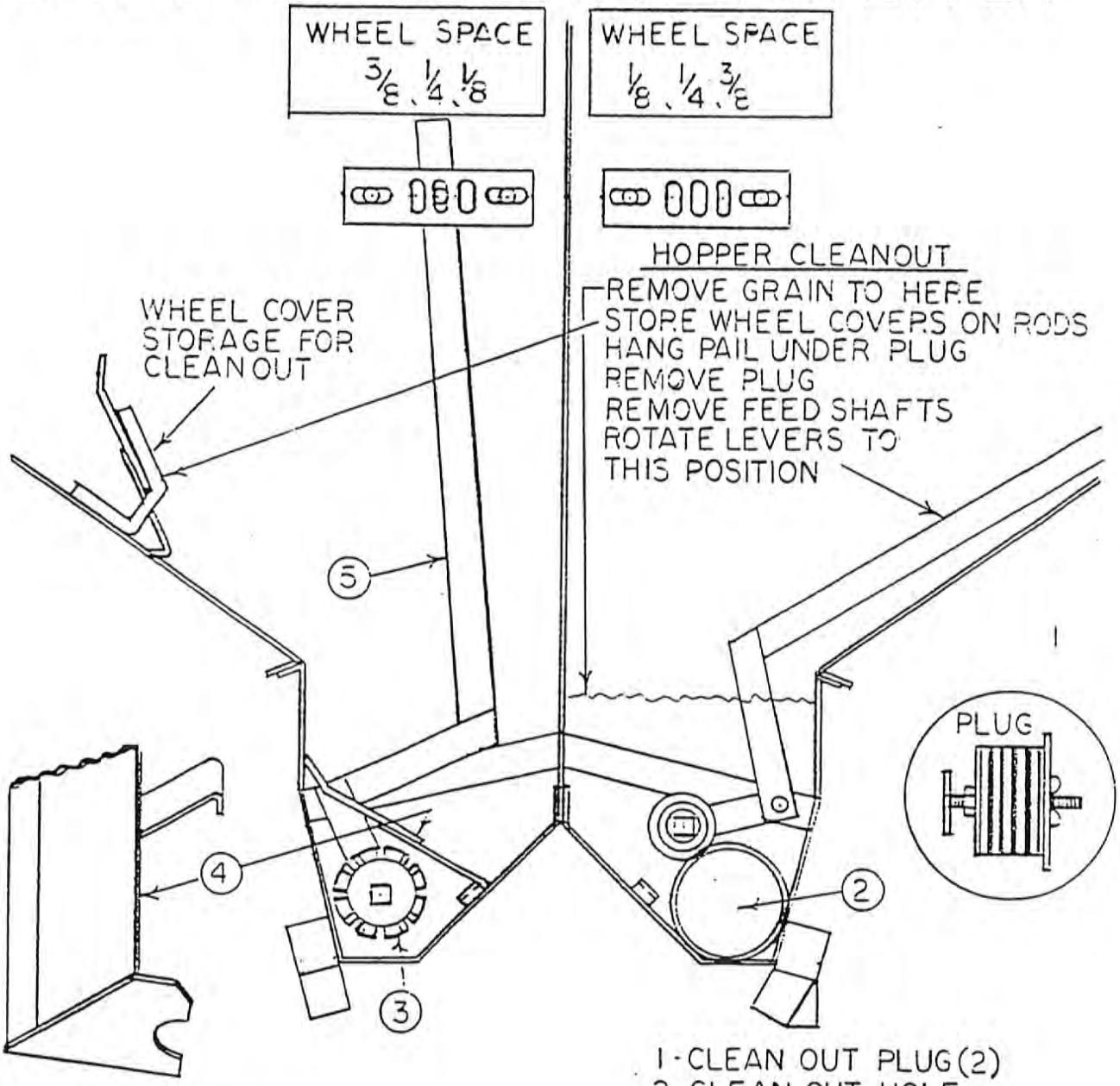
2408 DRILL FEED RATE ADJUSTMENT GRAIN AND FERTILIZER

1 - SLOT COVER OPENING SPRING (2)
2 - ADJUSTING ROD - STAINLESS (2)
3 - ADJUSTING HANDLES (4)
4 - BALL END TURNBUCKLE (4)
5 - CALIBRATION SLOT COVER (2)
6 - CALIBRATION CUP (2)
7 - FEED SLOT COVER (34)
8 - NYLON BLOCK (68)
9 - HAIRPIN - 1/4" X 4"

2408 DRILL FERTILIZER CONTROL



2408 DRILL GRAIN AND FERT. HOPPER

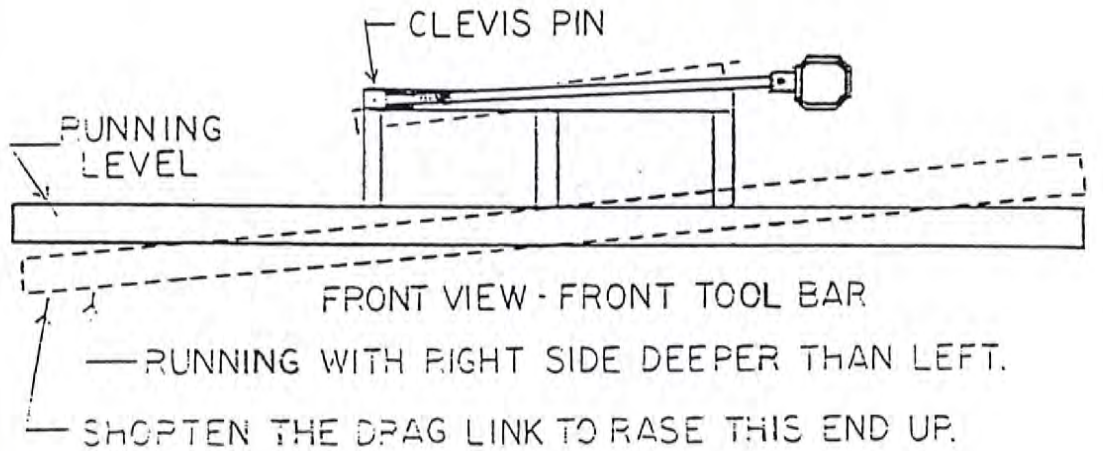


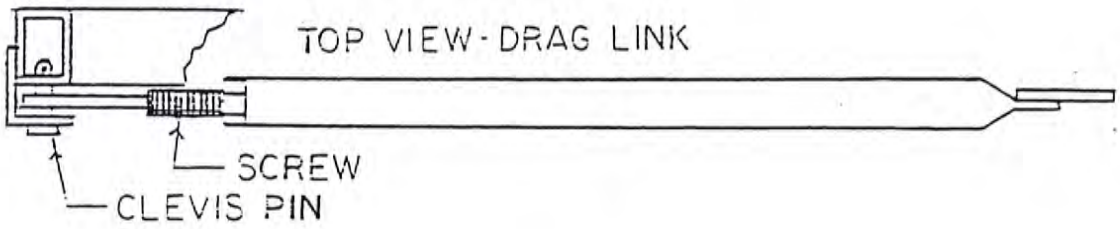
1 - CLEAN OUT PLUG (2)
2 - CLEAN OUT HOLE
3 - FEED WHEEL
4 - WHEEL COVER (4)
5 - WHEEL SPACE LEVER

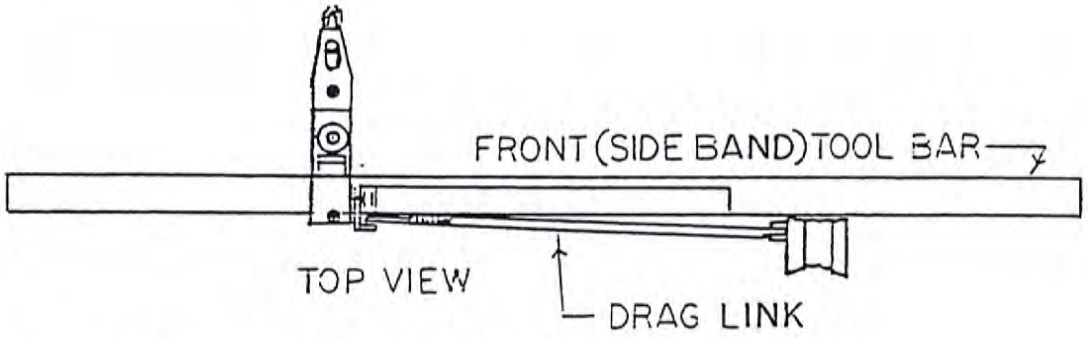
CAUTION
FEED WHEEL MUST BE CENTERED ON SLOT TO FEED EQUALLY. CHECK AFTER CLEANOUT ASSEMBLY.

2408 DRILL FRONT TOOL BAR

IF THE FRONT (SIDE BANDING) TOOL BAR DOES NOT RUN LEVEL WITH THE OPENERS IN THE GROUND, RAISE THE TOOL BAR PART WAY UP; REMOVE THE CLIVES PIN; AND ADJUST THE DRAG LINK LENGTH

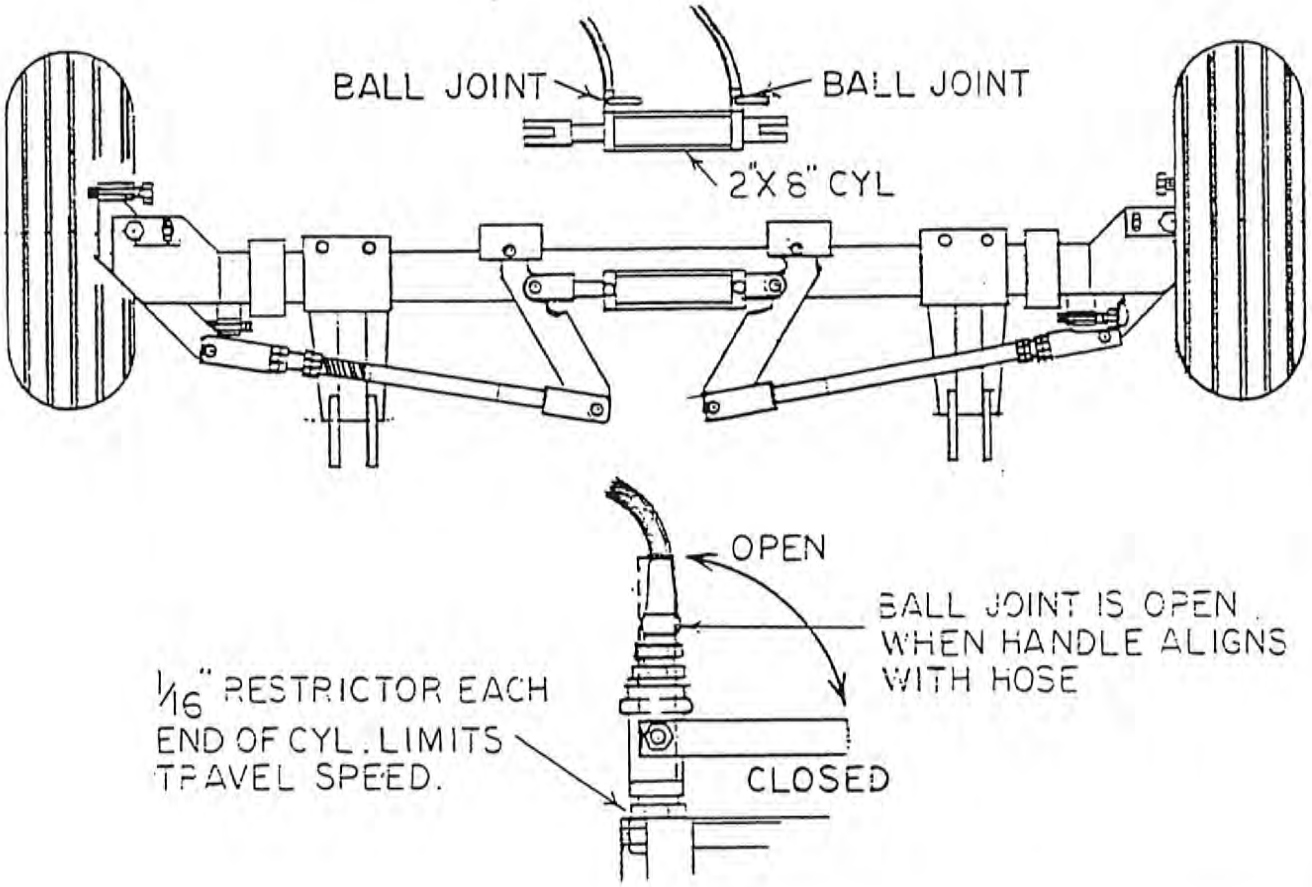


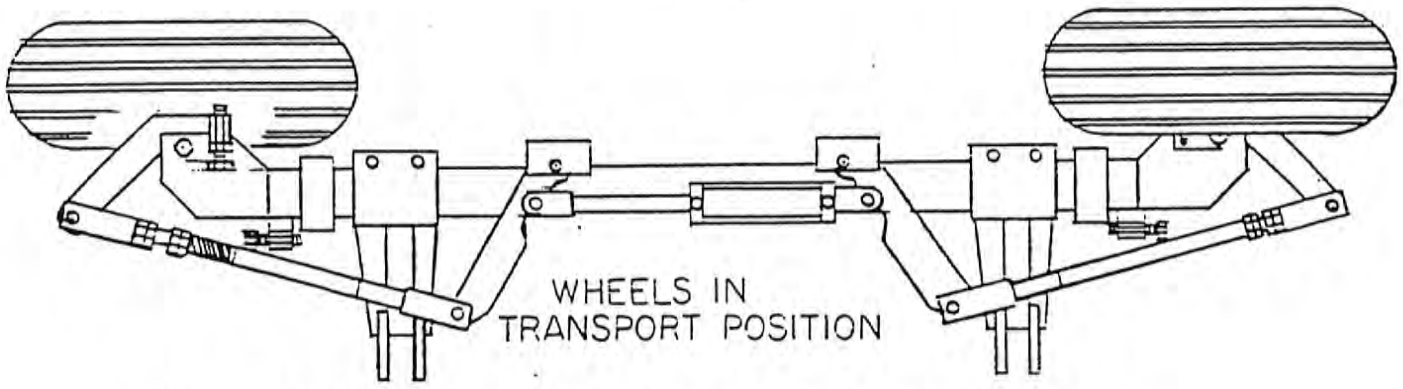




THIS ADJUSTMENT IS REQUIRED ONLY ONCE WHEN THE DRILL IS NEW.

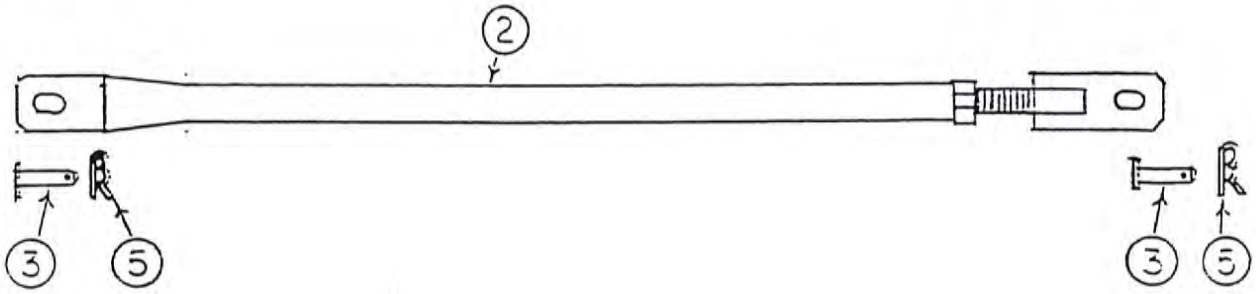
2408 DRILL FRONT AXLE ASSEMBLY

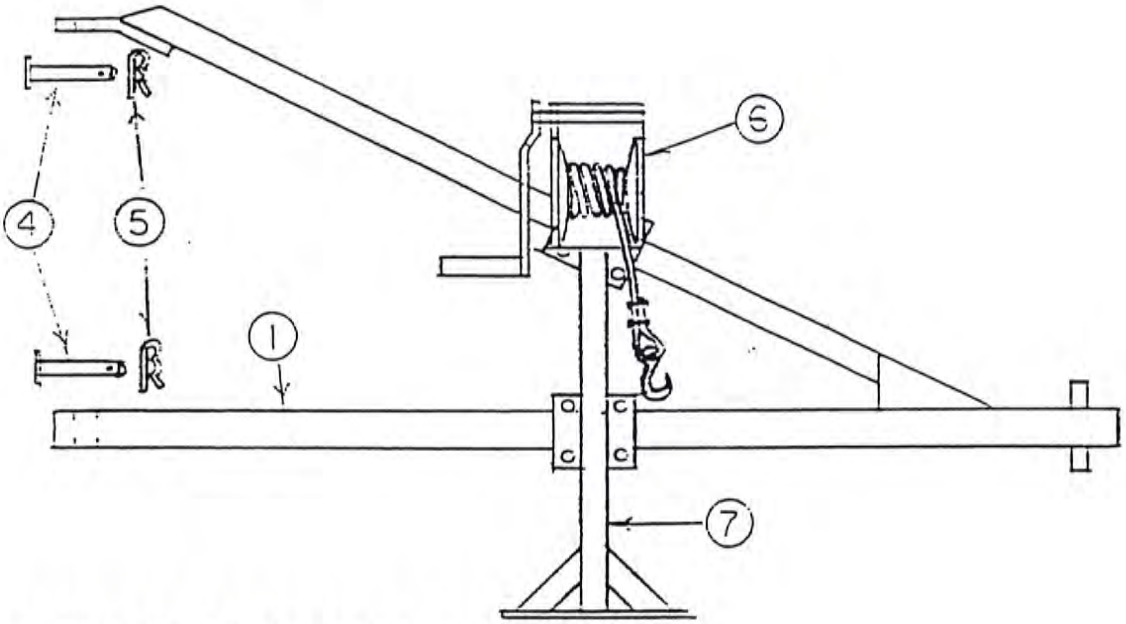




TO TRANSPORT DRILLS ENDWAYS. RAISE BOTH TOOLBARS AND LOCK UP WITH RED CYLINDER LOCKS. OPEN ALL BALL VALVES. CYCLE TRACTOR HYDRAULIC TO TURN WHEELS. CLOSE BALL VALVES. BALL VALVES MUST BE CLOSED WHEN WHEELS ARE IN TRANSPORT. OR FIELD POSITION.

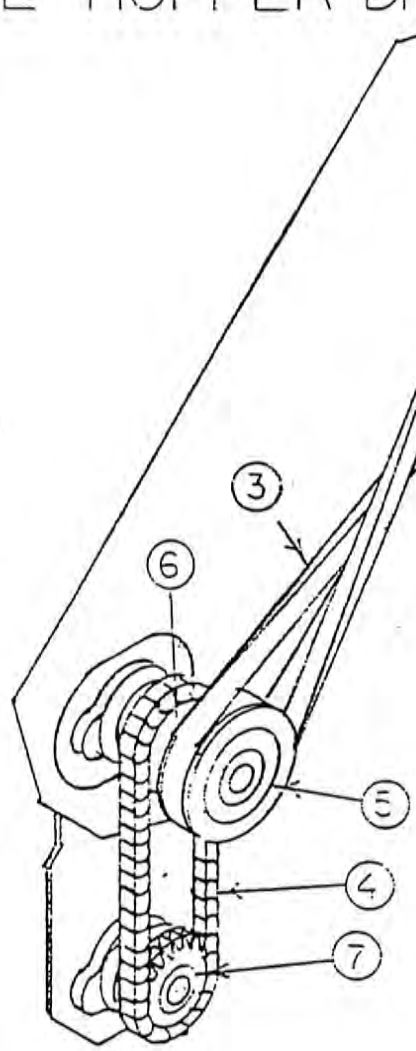
2408 DRILL STABILIZERS



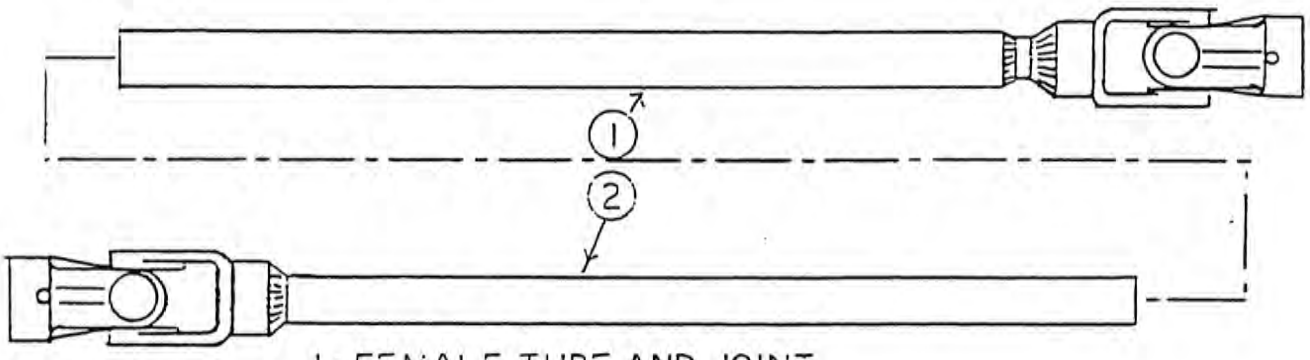


1 - FRONT STABILIZER - 2 OR 3 DRILLS
2 - REAR STABILIZER - 2 OR 3 DRILLS
3 - 1"X 3" PIN (2)
4 - 1"X 4½ PIN (2)
5 - ¼ HAIRPIN (4)
6 - WINCH AND CABLE
7 - WINCH HANGER - 2 DRILL ONLY

2408 DRILL HOPPER DRIVE

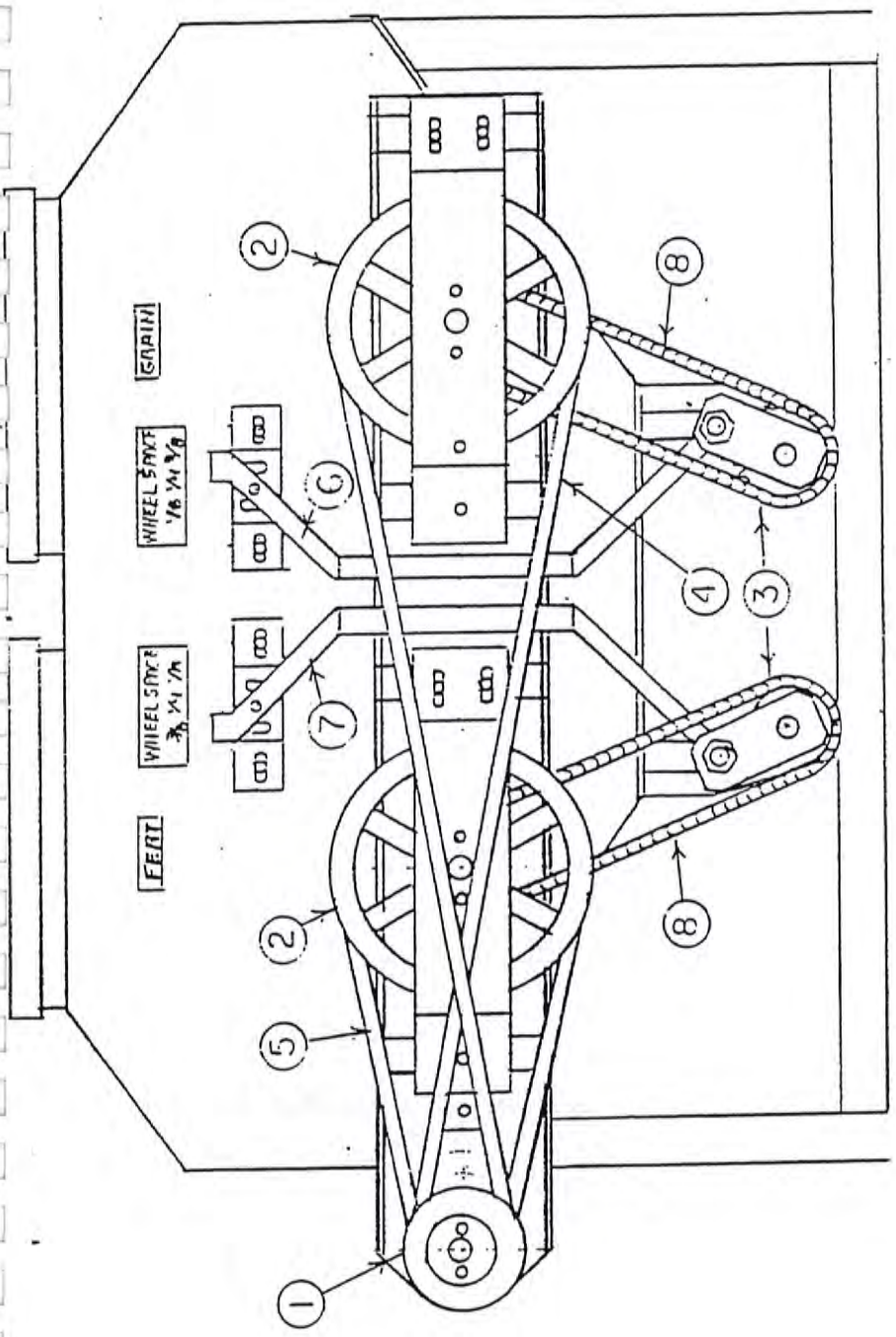


3 - BELT - B-79
4 - CHAIN - 50 PI.
5 - PULLY (2) BK 57
6 - SPKT. 50B16
7 - SPKT. 50B19



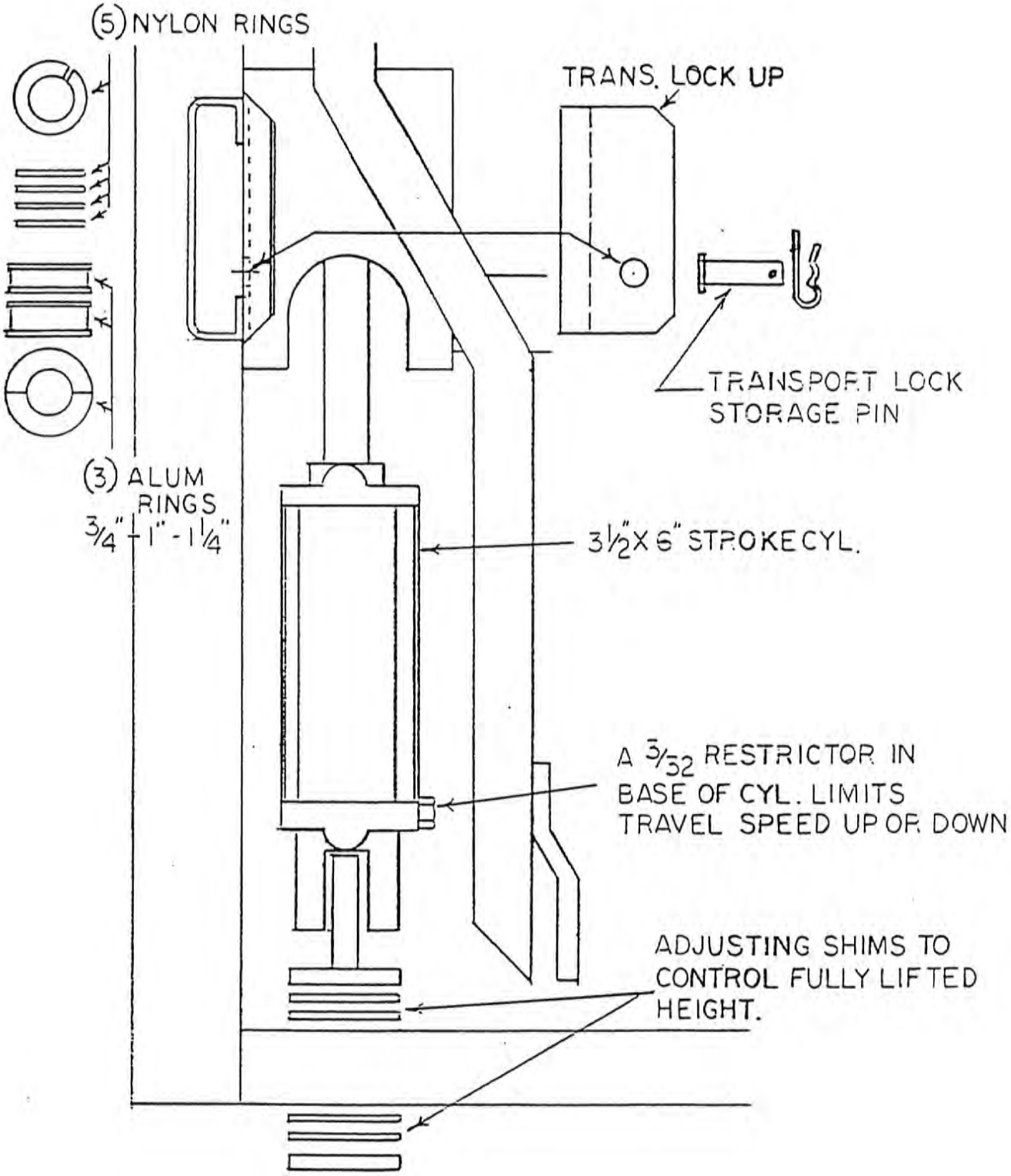
1 - FEMALE TUBE AND JOINT
2 - MALE TUBE AND JOINT

2408 DRILL HOPPER DRIVE



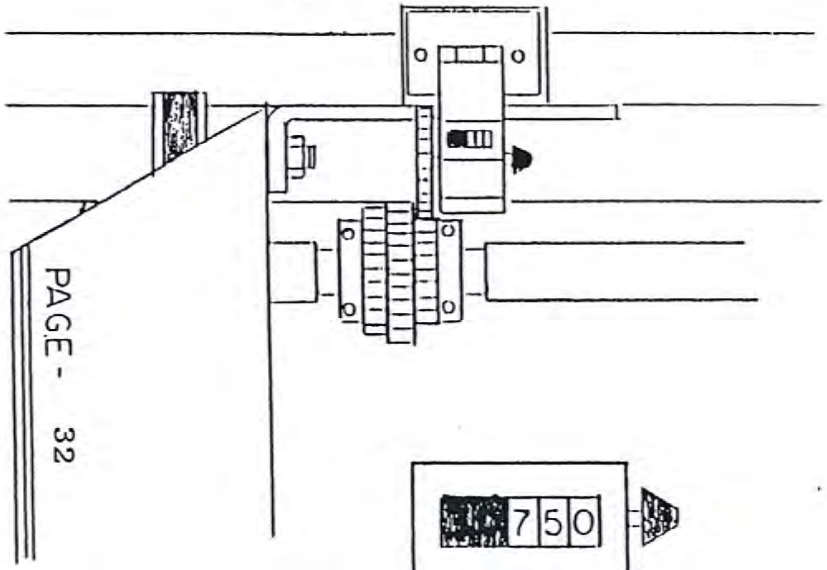
1-PULLY (2) BK57
2-PULLY (2) BK110
3-SPROCKET (2)
4-BELT-B103
5-BELT-B55
6-WHEEL SPACE LEVER-GRAIN
7-WHEEL SPACE LEVER-FERT
8-CHAIN-50 PI.

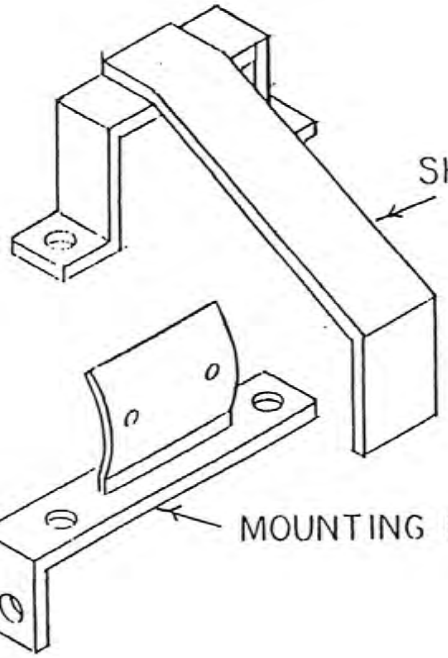
2408 DRILL HYDRAULIC LIFT CYLINDERS



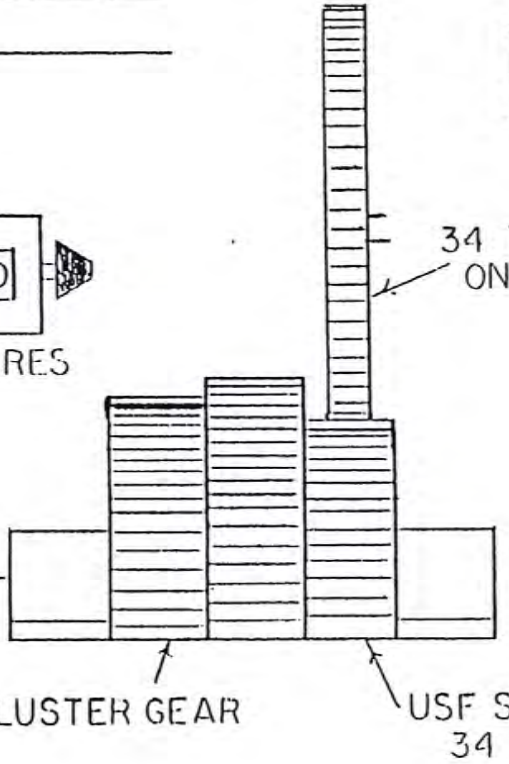
O-TILL

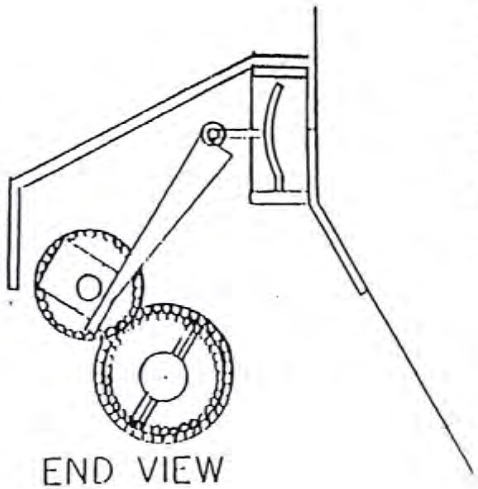
2408 DRILL ACRE COUNTER





READS 30.75 ACRES





END VIEW

2408 DRILL HELPFUL HINTS

1. To prevent forcing wet soil or mud between the discs, lower the runs into the ground after the drill is in forward motion.

2. Center of feed wheel should align with center of feed slot to insure even flow. After cleanout, check position of the wheels.

3. If you want to seed on 16", 24" or 32" row spacing, slide the feed wheel to one side and tape over the inside of the feed slot.

4. In very hard soil conditions, the rear swivel wheels may lift off the ground. The retarder brake above the king pin should be adjusted only tight enough to prevent the wheels from swinging freely.

5. The hopper cover on the front compartment may be opened from the rear for filling and from the front for cleanout.

6. The front platform may be lifted up for access when greasing the side band hinge pins.

7. If you want to seed out the hoppers before cleanout, remove the feed wheel covers and hang them on the storage hooks. Level the remaining seed or fertilizer and most of it will seed out.

8. If one end of either hopper feeds out faster than the other end, one of the small turnbuckles, Page 23 must be adjusted. Lengthening a turnbuckle will slow the feed rate. The top end of the turnbuckle has right hand thread.

9. When road towing a single 2408 drill with the single drill hitch, mount the hitch over the swivel wheels and pull the drill backwards.

HELPFUL HINTS, CONT.

10. Available hydraulic pressure is not the same on all tractors. The 2 run lift cylinders have restrictors installed in the base port. The orifice size is 3/32. If the runs lift or lower too slow, the restrictor may be enlarged slightly. The axle cylinder has a 1/16" restrictor in both ends.

11. Always lift the openers clear of the ground to make a 90 or 180 degree headland turn.

12. In back and forth seeding, the drills will pivot around on one front tire allowing the headland to be seeded out in 1 round.

13. When transporting the drills endways, the hydraulically turned front wheels have to slide while turning a corner. These turns should be gradual and should not be made with large amounts of grain or fertilizer in the hoppers.

14. Adding or removing a nylon spacer ring from either run lift cylinder, will change the depth about 1/4". These rings are used to "fine tune" the aluminum rings.

15. If you want to operate the drill when there is seed in the hopper without seeding, remove the hairpin and spring (see #1 - Page 23) so the stainless slot covers do not operate.

16. If dry fertilizer is not being used and you want to use both hoppers for grain, move the fertilizer divider rod fully to the left so there is no flow to Side Band. Adjust the feed rate of both hoppers to 1/2 rate, and lock the side band openers up.

2408 DRILL

HOW TO CHECK TRUE GROUND SPEED

TIRE SIZE - 11L - 14SL INFLATION 40-45 LBS

1. Paint a paint stripe on one of the front tires. Orange or yellow is easiest to see.

2. Have someone drive beside the drill or observe from inside the tractor cab.

3. Count the tire rotations for 1 minute while seeding.

4. Use the chart to determine true ground speed.

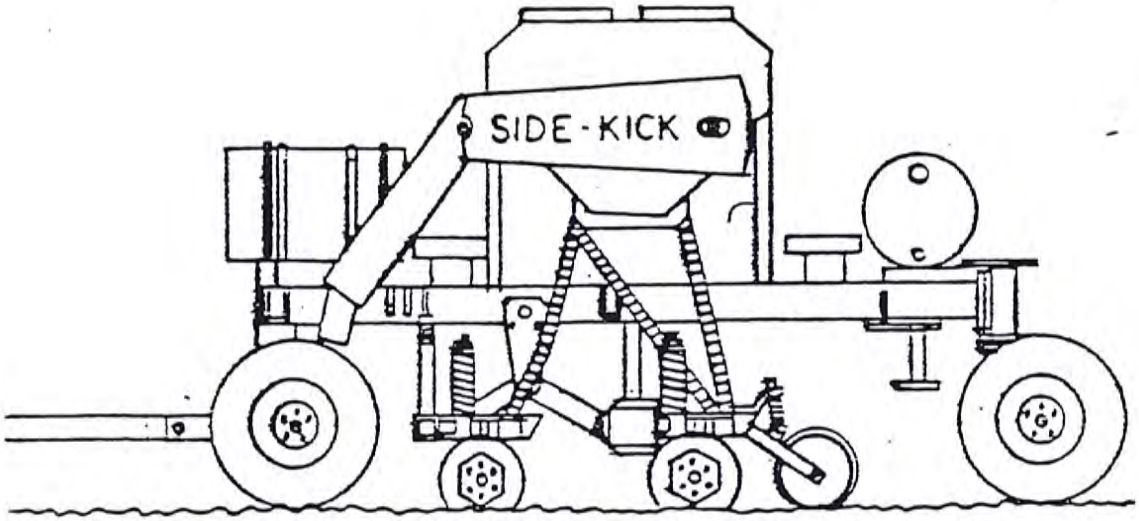
5. Mark the tack or throttle setting for future reference.

6. No till seeding at ground speeds above 4 1/2 to 4 3/4 MPH may result in poor seed placement.

4	M.P.H.	- 46 R.P.M.
4 1/2	M.P.H.	- 51 R.P.M.
4 3/4	M.P.H.	- 54 R.P.M.
5	M.P.H.	- 57 R.P.M.
5 1/2	M.P.H.	- 63 R.P.M.

HAYBUSTER

2408 DRILL



FEED RATE CHARTS

2408 DRILL

WHEAT SPACE 1/8" 60 LBS. PER BUSHEL		FLAX SPACE 1/8" 56 LBS. PER BUSHEL	
TURNS	LBS./ACRE	TURNS	LBS./ACRE
40	44	35	17
41	48	36	21
42	54	37	23
43	61	38	28
44	67	39	31
45	75	40	35
46	82	41	37
47	86	42	41
48	100	43	48
49	107	44	55
50	116	45	59
51	125	46	64
		47	71
		48	77
		49	84

2408 DRILL

6-ROW BARLEY (SMALL)

SPACE 1/8"

48 LBS. PER BUSHEL

TURNS	LBS./ACRE	TURNS	LBS./ACRE
45	35	59	112
46	41	60	113
47	43	61	125
48	47	62	131
49	53	63	140
50	54	64	149
51	59		
52	66		
53	72		
54	76		
55	81		
56	93		
57	98		
58	104		

2408 DRILL

2-ROW BARLEY (LARGE)

SPACE 1/8"

48 LBS. PER BUSHEL

TURNS	LBS./ACRE	TURNS	LBS./ACRE
51	47	65	128
52	48	66	134
53	54	67	143
54	65		
55	66		
56	71		
57	76		
58	81		
59	86		
60	97		
61	103		
62	104		
63	113		
64	120		

2408 DRILL

OATS SPACE 1/8"

32 LBS. PER BUSHEL

TURNS	LBS./ACRE	TURNS	LBS./ACRE
49	31	64	95
50	35	65	102
51	38		
52	40		
53	43		
54	49		
55	53		
56	58		
57	65		
58	66		
59	71		
60	75		
61	79		
62	82		
63	92		

2408 DRILL

RAPE SPACE 1/8"

50 LBS. PER BUSHEL

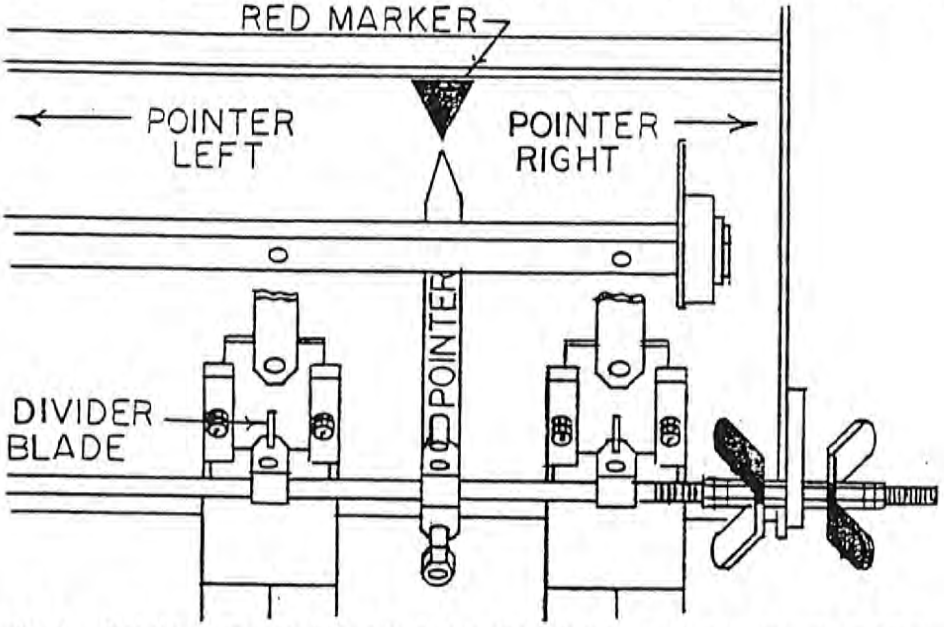
TURNS	LBS./ACRE	TUENS	LBS./ACRE
14	2	29	36
15	3	30	41
16	4		
17	5		
18	6		
19	7		
20	10		
21	11		
22	15		
23	17		
24	19		
25	22		
26	26		
27	30		
28	33		

2408 DRILL

FERTILIZER 18-46-0
SPACE 1/4"

TURNS	LBS./ACRE	TURNS	LBS./ACRE
30	21	44	98
31	24	45	108
32	30	46	117
33	35	47	128
34	38	48	137
35	45	49	149
36	47	50	162
37	52	51	173
38	59	52	186
39	64	53	201
40	70	54	215
41	77		
42	82		
43	91		

2408 DRILL DIVIDING FERT. FLOW



WHEN ALL DIVIDER BLADES ARE CENTERED ON THE FEED SLOT AND THE POINTER IS ALIGNED WITH THE RED MARKER, THE FERT. WILL FLOW 50% WITH THE SEED AND 50% ON SIDE BAND.
MOVING THE POINTER LEFT ← INCREASES THE FLOW TO THE SIDE BAND.

CENTERED	50% SIDE BAND	50% SEED
1 TURN LEFT	60%	40%
2 " "	67%	33%
3 " "	75%	25%
4 " "	82%	18%
5 " "	88%	12%
6 " "	92%	8%
15 " "	100%	0%
1 TURN RIGHT	40%	60%
2 " "	33%	67%
3 " "	25%	75%
4 " "	18%	82%
5 " "	12%	88%
6 " "	8%	92%
15 " "	0%	100%